

Docket No. 212/745

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Application of:

Hartwich et al.

Serial No.: 10/539,463

Art Unit: Unassigned

Filed: June 17, 2005

For: Electrical Substrate for  
Use as a Carrier of  
Biomolecules

Examiner: Unassigned

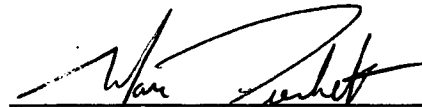
TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENTCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

Enclosed please find Applicants' Information Disclosure  
Statement.

Date: July 22, 2005

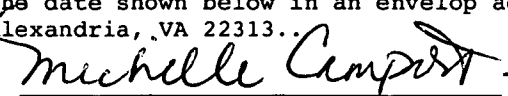
By:

  
Marc J. Frechette, Esq.  
Reg. No. 49060

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Certificate of Mailing (37 CFR 1.10)

I hereby certify that this response (along with any paper referred to as being attached or enclosed) is being deposited in Express Mail using Express Mail Post Office to Addressee with the United States Postal Service on the date shown below in an envelop addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313..

Express Mail No. EV 656493206 US  
Date: July 22, 2005  
Michelle Campero

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>212/745</b>		SERIAL NO. <b>10/539,463</b>	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (use several sheets if necessary)				APPLICANT <b>Hartwich et al.</b>			
				FILING DATE <b>June 17, 2005</b>		GROUP <b>1795</b> <del>Unassigned</del>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/K.S./	AA	6,180,523	1/01	Lee et al.	438	678	
/K.S./	AB	2002/090649	7/02	Chan et al.	435	7.1	
	AC						
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<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/K.S./	AL	DE 101 56 433	8/01	Germany			
/K.S./	AM	DE 199 56 729	10/02	Germany			
<b>OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)</b>							
		Georges, C. et al., "Laser treatment for corrosion prevention of electrical contact gold coating," Applied Surface Science, Jan. 28, 2002					
		Kurata, H. et al., "Flip-chip fine package and its assembly line development for GaAs MCM," Electronics Manufacturing Technology Symposium, 1999					
EXAMINER  /Kourtney Salzman/				DATE CONSIDERED  09/24/2009			
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant							

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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/K.S./	AL	WO 97/46568	12/97	PCT			
/K.S./	AM	WO 99/51778	10/99	PCT			
<b>OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)</b>							
		Patent Abstracts of Japan, Vol. 16, No. 420 (1992-09-04)					
EXAMINER  <b>/Kourtney Salzman/</b>				DATE CONSIDERED  <b>09/24/2009</b>			
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	AA						
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/K.S./	AL	WO 00/31101	6/00	PCT			
/K.S./	AM	WO 00/42217	7/00	PCT			

## OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER <b>/Kourtney Salzman/</b>	DATE CONSIDERED <b>09/24/2009</b>
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(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
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ATTY DOCKET NO.

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SERIAL NO.

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## LIST OF PRIOR ART CITED BY APPLICANT

(use several sheets if necessary)

APPLICANT

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FILING DATE

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/K.S./	AL	WO 01/07665	2/02	PCT			
/K.S./	AM	JP 04 144190	5/92	JAPAN			

## OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

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